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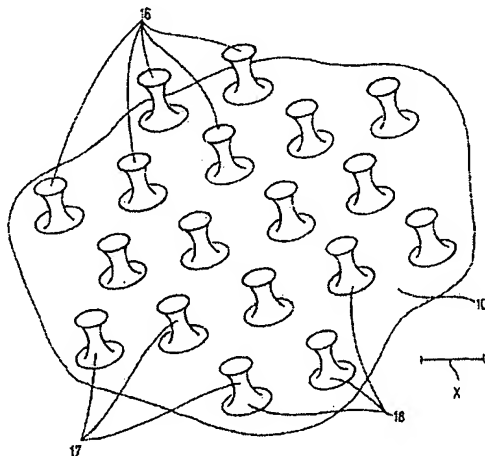
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[continued on next page]

(54) Title: **PROCESS FOR CREATING ADHESION ELEMENTS ON A SUBSTRATE MATERIAL**



(57) Abstract: The invention relates to a process for creating adhesion elements on a substrate material (10) using at least one plastics material which is introduced into at least one shaping element (12). By producing adhesion elements with flared ends which adhere primarily as a result of van der Waals forces, the excellent adhesion characteristics of a gecko's foot are achieved in a biomechanical model without having to separate the setae fibres as in nature.

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